

From: Kellie Reece

3174949570

03/06/2008 10:03 #073 P.002/008

RECEIVED
CENTRAL FAX CENTER

Rusi P. Taleyarkhan
612 Shady Creek Drive
Lafayette, IN 47905
(765)-447-8851; rusitaleyarkhan@msn.com

MAR 06 2008

VIA FAX 517 273 8300

March 5, 2008

The Commissioner for Patents

United States Patent office

Washington DC

Dear Sir:

Application #10/692,755 – Resending for Entry of Response to (5.1.2007)Non-Compliant Amendment

On 6.1.2007 Applicant had submitted to USPTO a Response to the 5.1.2007 Non-Compliant Amendment which included revised claims. For some reason this Response has not been entered into the system and is being resent for inclusion. A separate 6.1.2007 transmittal of IDS documents by Applicant was entered into the USPTO system; however the Response was not.

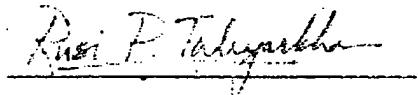
On 2.20.2008 USPTO supervisor (Group 3363) J. Keith recommended to the Applicant that Applicant transmit again the original Response of 6.1.07 to USPTO along with an explanation and proof of the USPTO fax acknowledgment receipt of 6.1.07.

Accordingly, Applicant respectfully is transmitting again the following documents:

- USPTO fax acknowledgment receipt dated 6.1.2007 which acknowledges transmittal of Applicant's Response to Office Action
- The 6.1.2007 (5-page) Response to Office Action (including cover letter, summary table citing IDS documents, and revised Claims) on Application #10/692,755.

The Applicant respectfully requests that USPTO promptly rectify the above-mentioned error, and include the 6.1.07 Response into the system so Application #10/692,755 can be processed further by Group 3363 Examiner (R. Palabrica).

Very respectfully,



Dr. Rusi P. Taleyarkhan

Inventor Applicant

From: Kellie Reece

3174949570

03/06/2008 10:03

#073 P.003/008

RECEIVED
CENTRAL FAX CENTER
MAR 06 2008

USPTO

6/1/2007 1:39:42 PM

PAGE

1/001

Fax Server

TO: Auto-reply fax to 301 320 88 00 COMPANY:



Auto-Reply Facsimile Transmission

TO Fax Sender at 301 320 88 00

Fax Information
Date Received: 6/1/2007 1:36:55 PM [Eastern Daylight Time]
Total Pages: 6 (including cover page)

ADVISORY: This is an automatically generated return receipt confirmation of the facsimile transmission received by the Office. Please check to make sure that the number of pages listed as received in Total Pages above matches what was intended to be sent. Applicants are advised to retain this receipt in the unlikely event that proof of this facsimile transmission is necessary. Applicants are also advised to use the certificate of facsimile transmission procedures set forth in 37 CFR 1.8(a) and (b), 37 CFR 1.6(f). Trademark Applicants, also see the Trademark Manual of Examining Procedure (TMEP) section 306 et seq.

Received
Cover
Page
=====>

3174949570 03/06/2008 10:03	
301 320 88 00	
Ravi P. Talyarkhan 612 Shady Creek Drive Beloit, WI 53511 (763)441-6851; ratalyarkhan@msn.com	
Via FAX 31749570 2100 June 1, 2007	
The Commissioner for Patents	
U.S. Patent and Trademark Office	
Washington, DC	
Dear Sir:	
<u>Application #11/091,754 - Request for Board of Appeals Amendment and Restoration of Powers of Attorney in Consideration</u>	
The Applicant respectfully requests the Office to review the power of attorney of counsel (See letter of the 10th May, 2006, from the Attorney, submitted as requested in the letter of date May 25, 2007 and confirmed herewith) as it stands (USPTO Form 22). The applicant will provide further details of the present application including his response to the non-final examination.	
The applicant thanks the Examiner for the interview of May 24, 2007, where a new set of claims (claims 34 to 47) was presented addressing the non-nucleophilic substituents. It is the understanding of the applicant that the new claims are acceptable as the examiner, hence, may in light of the extremely high temperatures found in the disclosure and discussed in the 5/24/07 interview (e.g., Fig. 4). Furthermore, it is the understanding of the applicant that these claims will be rejected. A copy corrected for errors is attached.	
As requested by the examiner, the applicant respectfully will submit as USIS under separate cover (reference attached). These include three independent verifications (See e.g., 2006, Talyarkhan, Vasant, Pham, Afridi, Zaidi and de Berg, W report to Purdue University, 2006) of the present invention. The present invention and these verifications (the remaining material w/o bubbles in their components) should be viewed as reasonable and acceptable. In addition the applicants submits a paper published in the premier journal <i>Physical Review E</i> (Talyarkhan et al. 2004) (see for example Fig. 3) which demonstrates that a non-nucleophilic carbon reacts with a 3.5 MeV neutron and can also be associated with alpha-particle-induced scission in the case of high fluence implying low, compressed conditions as in the experimental conditions of the present invention.	
As also discussed with the examiner, a theoretical foundation has also been developed which takes into account all relevant physics of the situation. It has passed peer review and validated by worldwide experts and published in the premier journal <i>Phys. Rev. E</i> (Nigmatulin et al. 2005). This theoretical foundation when applied specifically to the method of the present invention also confirms that no nuclear condensate (see Fig. 13 of	